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### Navas Cable Modem/DSL Tuning Guide

**Cable modem** and DSL tips on increasing speed, enhancing security, ... voice volume (the result of **automatic** gain control being fooled by the ADSL **signal**) ...

[cable-dsl.home.att.net/](#) - 287k - [Cached](#) - [Similar pages](#)

### [PDF] CABLE MODEM

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**determine** whether you're using the correct **cable**. • If you subscribe to video service over **cable**, the **cable signal** may not be reaching the **modem**. ...

[www.timewarnercable.com/.../4/68/Content%20Management/Customer%20Service/documents/RCA%20Modem%20215.pdf](#) - [Similar pages](#)

### [PDF] WebSTAR™ DPX2203™ and EPX2203™ VoIP Cable Modem User's Guide

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Note: Use an optional **cable signal** splitter to add a TV, a DHCT or set-top converter, or a VCR. 7. The **cable modem** will then begin an **automatic** search to ...

[www.timewarnercable.com/MediaLibrary/4/68/FAQ/documents/SAWebStar.pdf](#) - [Similar pages](#)

### Conversion of light signals to audio - Patent 7075415

Many devices, such as the telephone 12, may emit a plurality of **light signals** either in **sequence** or concurrently, each **signal** or combination of **signals** ...

[www.freepatentsonline.com/7075415.html](#) - 47k - [Cached](#) - [Similar pages](#)

### Light amplification apparatus with automatic monitoring and ...

1 however, shows the **light** fiber communication ending at the distribution terminal 38 and copper wiring such as a coax **cable** 40 carrying the TV **signals** from ...

[www.freepatentsonline.com/6246510.html](#) - 40k - [Cached](#) - [Similar pages](#)

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### Cable Modem Provisioning Scenarios [Cable Modems] - Cisco Systems

Tip: Knowing the **sequence** of UCDs can help to **determine** the best way to ... use 60 ms increments in the command (**cable** insertion interval **automatic** 60 480). ...

[www.cisco.com/en/US/tech/tk86/tk89/technologies\\_white\\_paper09186a008025c169.shtml](#) - 69k - [Cached](#) - [Similar pages](#)

### [PDF] Cisco - Cable Modem Provisioning Scenarios

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Tip: Knowing the **sequence** of UCDs can help to **determine** the best way to ... (**automatic**).

Once these changes are applied and tested, the **cable** modems might ...

[www.cisco.com/warp/public/109/modem\\_provision.pdf](#) - [Similar pages](#)

### Modem use monitor - US Patent 4819235

In **automatic** answering systems as described above, a **modem** of data communication ...

To further understand the **sequence** of **signal** applications, in FIG. ...

[www.patentstorm.us/patents/4819235-description.html](#) - 42k - [Cached](#) - [Similar pages](#)

### Sequence time domain reflectometry using complementary golay codes ...

Next, the method converts the reflected **light signal** to a reflection **sequence** in .... any voice band **modem**, **cable modem**, wireless **modem**, power line **modem**, ...

[www.patentstorm.us/patents/6885954-description.html](#) - 155k - [Cached](#) - [Similar pages](#)

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[PDF] **MOTOROLA SB5101 Cable Modem Overview**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

SB5101 **Cable Modem** Overview. MOTOROLA BCS. CONFIDENTIAL. Page 13 of 34. 7.2

The **Signal** Page. This page shows the downstream and upstream RF **signal** ...

distributor.livas.lv/.../Diagnostic%20Cable%20Modem/

Motorola\_SB5100\_Diagnostic\_Modem\_Overview.pdf - [Similar pages](#)

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type and cable and modem and signal and light and automatic and sequence

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Best 200 shown

Relevance scale ☐ ☐ ☐ ☐ ☐

### 1 [Local networks](#)



William Stallings

March 1984 **ACM Computing Surveys (CSUR)**, Volume 16 Issue 1

Publisher: ACM Press

Full text available: [pdf\(3.01 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The rapidly evolving field of local network technology has produced a steady stream of local network products in recent years. The IEEE 802 standards that are now taking shape, because of their complexity, do little to narrow the range of alternative technical approaches and at the same time encourage more vendors into the field. The purpose of this paper is to present a systematic, organized overview of the alternative architectures for and design approaches to local networks.

...

### 2 [Macintosh human interface guidelines](#)

Apple Computer, Inc.

January 1992 Book

Publisher: Addison-Wesley Publishing Company

Full text available: [pdf\(37.61 MB\)](#)
 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Macintosh Human Interface Guidelines describes the way to create products that optimize the interaction between people and Macintosh computers. It explains the whys and hows of the Macintosh interface in general terms and specific details.

Macintosh Human Interface Guidelines helps you link the philosophy behind the Macintosh interface to the actual implementation of interface elements. Examples from a wide range of Macintosh products show good human interface design, including individ ...

### 3 [Artificial intelligence](#)

Elaine Rich

January 1983 Book

Publisher: McGraw-Hill, Inc.

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [review](#)

The goal of this book is to provide programmers and computer scientists with a readable introduction to the problems and techniques of artificial intelligence (A.I.). The book can be used either as a text for a course on A.I. or as a self-study guide for computer professionals who want to learn what A.I. is all about.

The book was designed as the text for a one-semester, introductory graduate course in A.I. In such a course, it should be possible to cover all of the material in the boo ...

#### 4 Pen computing: a technology overview and a vision



André Meyer

July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3

**Publisher:** ACM Press

Full text available: pdf(5.14 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This work gives an overview of a new technology that is attracting growing interest in public as well as in the computer industry itself. The visible difference from other technologies is in the use of a pen or pencil as the primary means of interaction between a user and a machine, picking up the familiar pen and paper interface metaphor. From this follows a set of consequences that will be analyzed and put into context with other emerging technologies and visions. Starting with a short historic ...

#### 5 Functional Specifications for Typewriter-Like Time-Sharing Terminals



T. A. Dolotta

March 1970 **ACM Computing Surveys (CSUR)**, Volume 2 Issue 1

**Publisher:** ACM Press

Full text available: pdf(2.45 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

#### 6 The information furnace: consolidated home control

Diomidis D. Spinellis

May 2003 **Personal and Ubiquitous Computing**, Volume 7 Issue 1

**Publisher:** Springer-Verlag

Full text available: pdf(488.36 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

The Information Furnace is a basement-installed PC-type device that integrates existing consumer home-control, infotainment, security and communication technologies to transparently provide accessible and value-added services. A modern home contains a large number of sophisticated devices and technologies. Access to these devices is currently provided through a wide variety of disparate interfaces. As a result, end users face a bewildering array of confusing user-interfaces, access modes a ...

**Keywords:** Automation, Consumer electronics, Home-control, Multi-modal interfaces

#### 7 Applications: Data collection, storage, and retrieval with an underwater sensor network



I. Vasilescu, K. Kotay, D. Rus, M. Dunbabin, P. Corke

November 2005 **Proceedings of the 3rd international conference on Embedded networked sensor systems SenSys '05**

**Publisher:** ACM Press

Full text available: pdf(531.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

In this paper we present a novel platform for underwater sensor networks to be used for long-term monitoring of coral reefs and fisheries. The sensor network consists of static and mobile underwater sensor nodes. The nodes communicate point-to-point using a novel high-speed optical communication system integrated into the TinyOS stack, and they broadcast using an acoustic protocol integrated in the TinyOS stack. The nodes have a variety of sensing capabilities, including cameras, water temperatu ...

**Keywords:** data muling, mobile sensor networks, underwater networks

## 8 Risks to the public in computers and related systems



Peter G. Neumann

July 1991 **ACM SIGSOFT Software Engineering Notes**, Volume 16 Issue 3

**Publisher:** ACM Press

Full text available: [pdf\(2.79 MB\)](#) Additional Information: [full citation](#), [index terms](#)

## 9 Risks to the public in computers and related systems



Peter G. Neumann

January 1987 **ACM SIGSOFT Software Engineering Notes**, Volume 12 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(1.91 MB\)](#) Additional Information: [full citation](#), [abstract](#)

The RISKS Forum in *Software Engineering Notes* does not limit itself just to software problems (let alone software engineering) because the risks we discuss don't either. Thus the topic demands a broad perspective.

## 10 EUROCAL '85 Abstracts



S. Kamal Abdali

February 1986 **ACM SIGSAM Bulletin**, Volume 20 Issue 1-2

**Publisher:** ACM Press

Full text available: [pdf\(2.68 MB\)](#) Additional Information: [full citation](#), [abstract](#)

Programming environments have dramatically improved since the time that the major symbolic computation systems such as MACSYMA and REDUCE were developed. The new environments allow direct user interaction with the machine via the mouse, menus, and icons, making obsolete the requirement that the user type instructions to an operating system or language processor to effect desired computations.

## 11 XMill: an efficient compressor for XML data



Hartmut Liefke, Dan Suciu

May 2000 **ACM SIGMOD Record , Proceedings of the 2000 ACM SIGMOD international conference on Management of data SIGMOD '00**, Volume 29 Issue 2

**Publisher:** ACM Press

Full text available: [pdf\(404.39 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We describe a tool for compressing XML data, with applications in data exchange and archiving, which usually achieves about twice the compression ratio of gzip at roughly the same speed. The compressor, called XMill, incorporates and combines existing compressors in order to apply them to heterogeneous XML data: it uses zlib, the library function for gzip, a collection of datatype specific compressors for simple data types, and, possibly, user defined compressors for application specific data ...

## 12 An empirical study of Bluetooth performance

Guillermo A. Francia, Aditya Kilaru, Le Phuong, Mehul Vashi

April 2004 **Proceedings of the 2nd annual conference on Mid-south college computing MSCC '04**

**Publisher:** Mid-South College Computing Conference

Full text available: [pdf\(246.17 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The Bluetooth technology was developed with the ultimate goal of replacing the conventional networking cable between devices. Since its inception in 1998, it has rapidly developed and adopted by influential technology innovators and prominent corporations. Most notable deployment of Bluetooth technology can be found in printers, digital cameras, cell phones, and computers of various types. The purpose of this work is to perform an empirical study of the performance of Bluetooth enabled networks. ...

## 13 Risks to the public: Risks to the public



Peter G. Neumann

November 2006 **ACM SIGSOFT Software Engineering Notes**, Volume 31 Issue 6**Publisher:** ACM PressFull text available: pdf(374.71 KB) Additional Information: [full citation](#), [abstract](#)

Edited by Peter G. Neumann (Risks Forum Moderator and Chairman of the ACM Committee on Computers and Public Policy), plus personal contributions by others, as indicated. Opinions expressed are individual rather than organizational, and all of the usual disclaimers apply. We address problems relating to software, hardware, people, and other circumstances relating to computer systems. To economize on space, we include pointers to items in the online Risks Forum: (R i j) denotes RISKS vol i number ...

#### 14 VizSEC innovative visualizations session: CyberSeer: 3D audio-visual immersion for network security and management



Christos Papadopoulos, Chris Kyriakakis, Alexander Sawchuk, Xinming He

October 2004 **Proceedings of the 2004 ACM workshop on Visualization and data mining for computer security VizSEC/DMSEC '04****Publisher:** ACM PressFull text available: pdf(439.86 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Large complex networks have become an inseparable part of modern society. However, very little has been done to develop tools to manage and ensure the security of such networks. Network operators continue to slave over endless daily logs and alerts in a struggle to keep networks operational. Perhaps the most formidable enemy of network operations today is the volume of management data that must be perused. Expensive commercial products attempt to visualize data but with limited utility, as wi ...

**Keywords:** monitoring, network security, network visualization

#### 15 Classics in software engineering

January 1979 Divisible Book

**Publisher:** Yourdon PressAdditional Information: [full citation](#), [cited by](#), [index terms](#)

#### 16 Precision synchronization of computer network clocks



David L. Mills

April 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 2**Publisher:** ACM PressFull text available: pdf(1.53 MB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

This paper builds on previous work involving the Network Time Protocol, which is used to synchronize computer clocks in the Internet. It describes a series of incremental improvements in system hardware and software which result in significantly better accuracy and stability, especially in primary time servers directly synchronized to radio or satellite time services. These improvements include novel interfacing techniques and operating system features. The goal in this effort is to improve the ...

#### 17 Remotely-sensed geophysical databases: experience and implications for generalized DBMS



Guy M. Lohman, Joseph C. Stoltzfus, Anita N. Benson, Michael D. Martin, Alfonso F. Cardenas

May 1983 **ACM SIGMOD Record , Proceedings of the 1983 ACM SIGMOD international conference on Management of data SIGMOD '83**, Volume 13 Issue 4**Publisher:** ACM PressFull text available: pdf(1.85 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

This paper presents the characteristics of scientific remotely-sensed databases that are relevant to --- and pose unique challenges for --- general-purpose database management

systems (DBMSs). We describe a prototype system that integrates geophysical data and its metadata from both satellite and *in situ* sources, using a relational general-purpose DBMS to manage the catalog and observational data, and a video optical disk to archive images. Based upon our experience with this application, ...

18 Special section: Reasoning about structure, behavior and function



B. Chandrasekaran, Rob Milne

July 1985 **ACM SIGART Bulletin**, Issue 93

**Publisher:** ACM Press

Full text available: pdf(5.13 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

The last several years' of work in the area of knowledge-based systems has resulted in a deeper understanding of the potentials of the current generation of ideas, but more importantly, also about their limitations and the need for research both in a broader framework as well as in new directions. The following ideas seem to us to be worthy of note in this connection.

19 The relational model for database management: version 2

E. F. Codd

January 1990 Book

**Publisher:** Addison-Wesley Longman Publishing Co., Inc.

Full text available: pdf(28.61 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

**From the Preface (See Front Matter for full Preface)**

An important adjunct to precision is a sound theoretical foundation. The relational model is solidly based on two parts of mathematics: firstorder predicate logic and the theory of relations. This book, however, does not dwell on the theoretical foundations, but rather on all the features of the relational model that I now perceive as important for database users, and therefore for DBMS vendors. My perceptions result from 20 y ...

20 Selected writings on computing: a personal perspective

Edsger W. Dijkstra

January 1982 Book

**Publisher:** Springer-Verlag New York, Inc.

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Since the summer of 1973, when I became a Burroughs Research Fellow, my life has been very different from what it had been before. The daily routine changed: instead of going to the University each day, where I used to spend most of my time in the company of others, I now went there only one day a week and was most of the time that is, when not travelling!-- alone in my study. In my solitude, mail and the written word in general became more and more important. The circumstance that my employe ...

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 by Collins, G. W.;  
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IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

**Article Information****1. Performance assessment of digital subscriber loop transmission systems**

Cox, S.A.; Hill, C.D.; Titus, C.;

[New Techniques in Providing Customer Services with Copper, IEE Colloquium on](#)

7 Dec 1989 Page(s):5/1 - 5/5

[Abstract](#) | [Full Text: PDF\(212 KB\)](#) IET CNF
**2. Vector measurement of nonlinear transfer function**

Mukherjee, S.;

[Instrumentation and Measurement, IEEE Transactions on](#)
Volume 44, [Issue 4](#), Aug. 1995 Page(s):892 - 897

Digital Object Identifier 10.1109/19.392877

[Abstract](#) | [Full Text: PDF\(404 KB\)](#) IEEE JNL

[Rights and Permissions](#)
**3. Soil Type Characterization for Moisture Measurement by Impedance Spectroscopy**

Tetyuev, A.; Kanoun, O.; Trankler, H.-R.;

[Instrumentation and Measurement Technology Conference, 2006. IMTC 2006. Proceedings of the IEEE](#)

April 2006 Page(s):735 - 740

Digital Object Identifier 10.1109/IMTC.2006.328148

[Abstract](#) | [Full Text: PDF\(313 KB\)](#) IEEE CNF

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**4. Partial discharge testing of solder fillets on PCBs in a partial vacuum: new experimental results**

Capineri, L.; Dainelli, G.; Materassi, M.; Dunn, B.D.;

[Electronics Packaging Manufacturing, IEEE Transactions on \[see also Components, Packaging and Manufacturing Technology, Part C, Manufacturing, IEEE Transactions on\]](#)
Volume 26, [Issue 4](#), Oct. 2003 Page(s):294 - 304

Digital Object Identifier 10.1109/TEPM.2003.820822

[Abstract](#) | [Full Text: PDF\(1469 KB\)](#) IEEE JNL

[Rights and Permissions](#)
**5. Physical Aspects of Overseas AUTOVON Switching System**

Gerlach, P.; Taugner, J.; Lopatka, E.;

[Communications, IEEE Transactions on \[legacy, pre - 1988\]](#)
Volume 14, [Issue 6](#), Dec 1966 Page(s):710 - 720
[Abstract](#) | [Full Text: PDF\(1360 KB\)](#) IEEE JNL

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**6. The design and application of automated switchgear for urban and rural MV systems**

Jackson, L.; Burdis, E.P.; Bennett, A.;

[Electricity Distribution, 1989. CIRED 1989., 10th International Conference on](#)

8-12 May 1989 Page(s):12 - 17 vol.1

[Abstract](#) | [Full Text: PDF\(492 KB\)](#) IET CNF
**7. NEXTNOIS-a programmable noise generating system for testing wire-based loop transmission systems**

Dixon, J.L.; Yeomans, J.S.; Goldthorp, J.M.;

[Global Telecommunications Conference, 1993, including a Communications Theory Mini-Conference, Technical Program Conference Record, IEEE in Houston, GLOBECOM '93., IEEE](#)

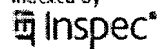


29 Nov.-2 Dec. 1993 Page(s):1319 - 1324 vol.2  
Digital Object Identifier 10.1109/GLOCOM.1993.318288

Abstract | Full Text: PDF(408 KB) IEEE CNF

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	79	signal adj. indicator.ti.	USPAT	OR	ON	2007/09/27 13:53
L2	500	(signal adj indicator) and route\$4	USPAT	OR	ON	2007/09/27 13:53
L3	4	(signal adj indicator) and route\$4 same hub	USPAT	OR	ON	2007/09/27 13:53
L4	70	709/227.ccls. and route\$4 same hub	USPAT	OR	ON	2007/09/27 13:53
L5	4	((signal adj indicator) and route\$4) and switch same hub	USPAT	OR	ON	2007/09/27 13:53
L6	442	(router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)	USPAT	OR	ON	2007/09/27 13:54
L7	70	709/227.ccls. and route\$4 same hub	USPAT	OR	ON	2007/09/27 13:54
L8	500	(signal adj indicator) and route\$4	USPAT	OR	ON	2007/09/27 13:54
L9	3	signal same determine\$4 same((fail\$4 or error or success\$4)adj connect\$4) same components	USPAT	OR	ON	2007/09/27 13:55
L10	10	((((light emitting diode or LED) adj device same signal) and (routers or hubs or clients))) and cabl\$4 same install\$4	USPAT	OR	ON	2007/09/27 13:54
L11	79	signal adj indicator.ti.	USPAT	OR	ON	2007/09/27 13:54
L12	108	cabl\$4 adj instal\$4 same (routers or hubs or switch or clients)	USPAT	OR	ON	2007/09/27 13:54
L13	5	cabl\$4 adj instal\$4 same (routers or hubs or switch or clients) and LED same signal	USPAT	OR	ON	2007/09/27 13:54
L14	1	install\$4 same (cabl\$4 near network) same devices same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2007/09/27 13:54
L15	11	((routers or switch or hubs) same LED near3 signal same instal\$4) and cabl\$4	USPAT	OR	ON	2007/09/27 13:55
L16	9	router same LED near3 signal same network	USPAT	OR	ON	2007/09/27 13:55
L17	0	HSIEH-JENWEI.in. and signal same determine\$4 same((fail\$4 or error or success\$4)adj connect\$4) same components	USPAT	OR	ON	2007/09/27 13:55

## EAST Search History

L18	0	MASHAYEKHI-VICTOR-V.in. and signal same determine\$4 same((fail\$4 or error or success\$4)adj connect\$4) same components	USPAT	OR	ON	2007/09/27 13:56
L19	0	DELL-PRODUCTS.as. and signal same determine\$4 same((fail\$4 or error or success\$4)adj connect\$4) same components	USPAT	OR	ON	2007/09/27 13:56
S3	55	cable adj network.ti.	USPAT	OR	ON	2003/10/17 15:46
S4	96	connect\$4 adj notify\$4	USPAT	OR	ON	2003/10/17 15:58
S5	812	route\$4 same hub same switch	USPAT	OR	ON	2003/10/17 15:58
S7	0	(cable adj network.ti.) and (connect\$4 adj notify\$4)	USPAT	OR	ON	2003/10/17 16:01
S8	1	(connect\$4 adj notify\$4) and (route\$4 same hub same switch)	USPAT	OR	ON	2003/10/17 16:04
S10	0	(route\$4 same hub same switch) and (signal adj indicator)	USPAT	OR	ON	2003/10/17 16:04
S11	0	signal adj "indicator.ti"	USPAT	OR	ON	2003/10/17 16:05
S12	32	signal adj indicator.ti.	USPAT	OR	ON	2003/10/17 16:05
S13	0	(route\$4 same hub same switch) and (signal adj indicator.ti.)	USPAT	OR	ON	2003/10/17 16:05
S14	0	(connect\$4 adj notify\$4) and (signal adj indicator.ti.)	USPAT	OR	ON	2003/10/17 16:05
S15	380	(signal adj indicator) and route\$4	USPAT	OR	ON	2003/10/17 16:06
S16	1	((signal adj indicator) and route\$4) and switch same hub	USPAT	OR	ON	2003/10/17 16:06
S17	1	(signal adj indicator) and route\$4 same hub	USPAT	OR	ON	2003/10/17 16:10
S18	29	709/227.ccls. and route\$4 same hub	USPAT	OR	ON	2003/10/17 16:10
S19	25	(709/227.ccls. and route\$4 same hub) and indicat\$4	USPAT	OR	ON	2003/10/17 16:11
S20	16	((709/227.ccls. and route\$4 same hub) and indicat\$4) and signal	USPAT	OR	ON	2003/10/17 16:14
S21	3	((709/227.ccls. and route\$4 same hub) and indicat\$4) and connect\$4 adj detect\$4	USPAT	OR	ON	2003/10/17 16:22
S24	36	connect\$4 adj detect\$4.ti.	USPAT	OR	ON	2003/10/17 16:42
S25	3	(connect\$4 adj detect\$4.ti.) and route\$4	USPAT	OR	ON	2003/10/17 16:24
S26	23	(connect\$4 adj detect\$4.ti.) and signal	USPAT	OR	ON	2003/10/17 16:42

## EAST Search History

S27	3	((connect\$4 adj detect\$4.ti.) and signal) and LED	USPAT	OR	ON	2003/10/17 16:47
S28	1	((connect\$4 adj detect\$4.ti.) and signal) and router	USPAT	OR	ON	2003/10/17 16:48
S29	625	router same hub same server	USPAT	OR	ON	2003/10/17 16:56
S30	7	(router same hub same server ) and connect\$4 adj detect\$4	USPAT	OR	ON	2003/10/17 16:50
S31	7	(router same hub same server ) and connect\$4 adj detect\$4	USPAT	OR	ON	2003/10/17 16:50
S32	0	(router same hub same server ) and connect\$4 adj detect\$4 same LED	USPAT	OR	ON	2003/10/17 16:54
S36	222	(router same hub same server ) and ((light emitting diode or LED) and signal)	USPAT	OR	ON	2003/10/17 16:56
S39	169	(router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)	USPAT	OR	ON	2003/10/17 16:58
S40	114	((router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)) and instal\$4	USPAT	OR	ON	2003/10/17 16:59
S41	111	((router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)) and instal\$4) and indicat\$4	USPAT	OR	ON	2003/10/17 16:59
S42	111	((router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)) and instal\$4) and indicat\$4) and instal\$4	USPAT	OR	ON	2003/10/17 17:00
S43	89	((router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)) and instal\$4) and indicat\$4) and instal\$4) and identify\$4	USPAT	OR	ON	2003/10/17 17:01
S44	0	((router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)) and instal\$4) and indicat\$4) and instal\$4) and identify\$4) and generate\$4 same connect\$4 adj detect\$4	USPAT	OR	ON	2003/10/17 17:02
S45	5	((router same hub same server ) and ((light emitting diode or LED.ti. ) and signal)) and instal\$4) and indicat\$4) and instal\$4) and identify\$4) and (connect\$4 adj detect\$4)	USPAT	OR	ON	2003/10/17 17:02
S46	7	instal\$4 same cabl\$4 same devices same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2003/11/04 16:50

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S47	1	install\$4 same (cabl\$4 near network) same devices same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2003/11/04 16:52
S48	0	install\$4 same (cabl\$4 near computer) same devices same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2003/11/04 16:52
S49	1	install\$4 same (cabl\$4 near3 computer) same devices same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2003/11/04 16:52
S50	1	install\$4 same (cabl\$4 near3 computer) same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2003/11/04 16:56
S51	5	(cabl\$4 near install\$4) same computers same (sign\$4 adj indicat\$4)	USPAT	OR	ON	2003/11/04 17:00
S53	22	(network adj interface adj card or nic card) same signal same computers same determin\$4 same generat\$4 same identify\$4	USPAT	OR	ON	2003/11/04 17:01
S54	6	(network adj interface adj card or nic card) same signal same computers same determin\$4 same generat\$4 same identify\$4 same install\$4	USPAT	OR	ON	2003/11/04 17:04
S55	0	cabl\$4 adj install\$4 same (network adj interface adj card or nic card) same signal near indicat\$4 same computers same determin\$4 same generat\$4 same identify\$4	USPAT	OR	ON	2003/11/04 17:05
S56	5	cabl\$4 adj install\$4 same (network adj interface adj card or nic card) same signal near indicat\$4	USPAT	OR	ON	2003/11/04 17:07
S57	0	instruct\$4 same (cabl\$4 adj install\$4) same (network adj interface adj card or nic card) same signal	USPAT	OR	ON	2003/11/04 17:07
S58	0	instruct\$4 same (cabl\$4 adj install\$4) same computers same (signal near indicat\$4)	USPAT	OR	ON	2003/11/04 17:08
S59	0	709/277.ccls.	USPAT	OR	ON	2003/11/04 17:08
S60	1063	709/227.ccls.	USPAT	OR	ON	2003/11/04 17:08
S61	0	709/227.ccls. same (switch or hub or router)	USPAT	OR	ON	2003/11/04 17:09
S62	553	709/227.ccls. and (switch or hub or router)	USPAT	OR	ON	2003/11/04 17:09

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S64	0	(cabl\$4 adj install\$4) and (instruct\$4 same (singal adj indicat\$4))	USPAT	OR	OFF	2003/11/04 17:11
S65	0	(cabl\$4 adj install\$4) and (singal adj indicat\$4)	USPAT	OR	OFF	2003/11/04 17:11
S66	1	(cabl\$4 adj install\$4) and singal	USPAT	OR	OFF	2003/11/04 17:16
S69	97	((light emitting diode or LED) adj device same signal) and (routers or hubs or clients)	USPAT	OR	ON	2003/11/04 17:19
S70	3	((light emitting diode or LED) adj device same signal) and (routers or hubs or clients)) and cabl\$4 same install\$4	USPAT	OR	ON	2003/11/04 17:19
S71	1	((light emitting diode or LED) adj device same signal) and (routers or hubs or clients)) and cabl\$4 same install\$4 and network	USPAT	OR	ON	2003/11/05 09:03
S72	66	cabl\$4 adj instal\$4 same (routers or hubs or switch or clients)	USPAT	OR	ON	2003/11/05 09:27
S74	0	(cabl\$4 adj instal\$4 same (routers or hubs or switch or clients)) and LED same signal near3 indicat\$4	USPAT	OR	ON	2003/11/05 09:05
S75	0	(cabl\$4 adj instal\$4 same (routers or hubs or switch or clients)) and LED same signal near3 indicat\$4	USPAT	OR	ON	2003/11/05 09:06
S76	10	(cabl\$4 adj instal\$4 same (routers or hubs or switch or clients)) and signal near3 indicat\$4	USPAT	OR	ON	2003/11/05 09:06
S77	4	cabl\$4 adj instal\$4 same (routers or hubs or switch or clients) and LED same signal	USPAT	OR	ON	2003/11/05 09:27
S78	10	(routers or switch or hubs) same signal same cabl\$4 adj install\$4	USPAT	OR	ON	2003/11/06 09:03
S79	0	(routers or switch or hubs) same (light adj signal) same cabl\$4 adj install\$4	USPAT	OR	ON	2003/11/06 09:03
S80	0	(routers or switch or hubs) same (LED near3 signal) same cabl\$4 adj install\$4	USPAT	OR	ON	2003/11/06 09:04
S81	0	(routers or switch or hubs) same LED near3 signal same cabl\$4 adj install\$4	USPAT	OR	ON	2003/11/06 09:04
S82	0	(routers or switch or hubs) same LED near3 signal same network adj instal\$4	USPAT	OR	ON	2003/11/06 09:04
S83	21	(routers or switch or hubs) same LED near3 signal same instal\$4	USPAT	OR	ON	2003/11/06 09:11

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S84	4	((routers or switch or hubs) same LED near3 signal same instal\$4) and cabl\$4	USPAT	OR	ON	2003/11/06 09:05
S86	0	((routers or switch or hubs) same LED near3 signal same instal\$4) and cabl\$4 and network	USPAT	OR	ON	2003/11/06 09:05
S87	9	((routers or switch or hubs) same LED near3 signal same instal\$4) and (cabl\$4 or network)	USPAT	OR	ON	2003/11/06 09:10
S88	0	((routers or switch or hubs) same LED near3 signal same instal\$4) and (cabl\$4 same network)	USPAT	OR	ON	2003/11/06 09:10
S89	0	(routers or switch or hubs) same LED near3 signal same instal\$4 adj cabl\$4 same network	USPAT	OR	ON	2003/11/06 09:12
S90	0	(routers or switch or hubs) same LED near3 signal same instal\$4 adj cabl\$4	USPAT	OR	ON	2003/11/06 09:12
S91	0	routers same LED near3 signal same instal\$4 adj cabl\$4	USPAT	OR	ON	2003/11/06 09:12
S92	0	routers same LED near3 signal same instal\$4	USPAT	OR	ON	2003/11/06 09:12
S93	0	router same LED near3 signal same instal\$4	USPAT	OR	ON	2003/11/06 09:12
S94	10	router same LED near3 signal	USPAT	OR	ON	2003/11/06 09:12
S95	10	router same LED near3 signal	USPAT	OR	ON	2003/11/06 09:12
S96	0	router same LED near3 signal same cabl\$4	USPAT	OR	ON	2003/11/06 09:13
S97	0	router same LED near3 signal same network	USPAT	OR	ON	2003/11/06 09:13
S98	4	router same LED near3 signal same network	USPAT	OR	ON	2003/11/06 09:14
S99	0	router same LED near3 signal same instal\$4	USPAT	OR	ON	2003/11/06 09:15
S100	416	router same (network or cabl\$4) same instal\$4	USPAT	OR	ON	2003/11/06 09:15
S101	0	router same (network or cabl\$4) same instal\$4 same signal same LED	USPAT	OR	ON	2003/11/06 09:16
S102	0	router same (network or cabl\$4) same instal\$4 same signal and LED	USPAT	OR	ON	2003/11/06 09:16
S103	0	router same (network or cabl\$4) same instal\$4 same signal adj indicat\$4	USPAT	OR	ON	2003/11/06 09:16

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S10 4	31	router same (network or cabl\$4) same instal\$4 same signal	USPAT	OR	ON	2003/11/06 09:17
S10 5	0	router same (network or cabl\$4) same instal\$4 same signal same lighg	USPAT	OR	ON	2003/11/06 09:18
S10 6	0	router same (network or cabl\$4) same instal\$4 same signal same light	USPAT	OR	ON	2003/11/06 09:18
S10 7	0	router same (network or cabl\$4) same instal\$4 same (light adj signal)	USPAT	OR	ON	2003/11/06 09:18
S10 8	0	router same (network or cabl\$4) same instal\$4 same signal same generat\$4 same determin\$4	USPAT	OR	ON	2003/11/06 09:19
S10 9	31	routers same (network or cabl\$4) same instal\$4 same signal	USPAT	OR	ON	2003/11/06 09:21
S11 1	328	routers same (network or cabl\$4) near3 connect\$4 same signal	USPAT	OR	ON	2003/11/06 09:21
S11 2	1	routers same (network or cabl\$4) near3 connect\$4 same LED near3 signal	USPAT	OR	ON	2003/11/06 09:25
S11 3	1	routers same (network or cabl\$4) near3 connect\$4 same LEDs near3 signal	USPAT	OR	ON	2003/11/06 09:25
S11 4	1	routers same (network or cabl\$4) near3 connect\$4 same (LEDs or light emitting diode) near3 signal	USPAT	OR	ON	2003/11/06 09:27
S11 5	5	routers same (network or cabl\$4) near3 connect\$4 same signal near indicat\$4	USPAT	OR	ON	2003/11/06 12:48
S11 6	1	("5761294").PN.	USPAT; USOCR	OR	OFF	2003/11/06 14:02
S11 7	1	("6393467").PN.	USPAT; USOCR	OR	OFF	2003/11/06 14:02
S41 5	0	("signalsame((fail\$4orerrororsucces s\$4)adjconnect\$4)").PN.	USPAT	OR	OFF	2005/01/05 09:52
S41 6	755	signal same((fail\$4 or error or success\$4)adj connect\$4)	USPAT	OR	ON	2005/01/05 09:52
S41 7	52	signal same((fail\$4 or error or success\$4)adj connect\$4) same components	USPAT	OR	ON	2005/01/05 09:52
S41 8	2	signal same((fail\$4 or error or success\$4)adj connect\$4) same components same install\$4	USPAT	OR	ON	2005/01/05 09:53



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S41 9	3241	signal same((fail\$4 or error or success\$4)adj connect\$4) determine\$4 same components same install\$4	USPAT	OR	ON	2005/01/05 09:53
S42 0	0	signal same((fail\$4 or error or success\$4)adj connect\$4) same determine\$4 same components same install\$4	USPAT	OR	ON	2005/01/05 09:53
S42 1	3	signal same((fail\$4 or error or success\$4)adj connect\$4) same determine\$4 same components	USPAT	OR	ON	2005/01/05 09:53
S42 2	3	signal same determine\$4 same((fail\$4 or error or success\$4)adj connect\$4) same components	USPAT	OR	ON	2005/01/05 09:54

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